

Product datasheet

Anti-GJB3 antibody ab55159

画像数 2

製品の概要

製品名	Anti-GJB3 antibody
製品の詳細	Mouse monoclonal to GJB3
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Human
免疫原	Recombinant full length protein, corresponding to amino acids 1-271 of Human GJB3

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None PBS, pH 7.2
精製度	Protein G purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab55159** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 31 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

ターゲット情報

機能

One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.

関連疾患

Defects in GJB3 are a cause of erythrokeratoderma variabilis (EKV) [MIM:133200]. EKV is a genodermatosis characterized by the appearance of two independent skin lesions: transient figurate erythematous patches and hyperkeratosis that is usually localized but occasionally occurs in its generalized form. Clinical presentation varies significantly within a family and from one family to another. Palmoplantar keratoderma is present in around 50% of cases. Defects in GJB3 are the cause of deafness autosomal dominant type 2B (DFNA2B) [MIM:612644]. DFNA2 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.

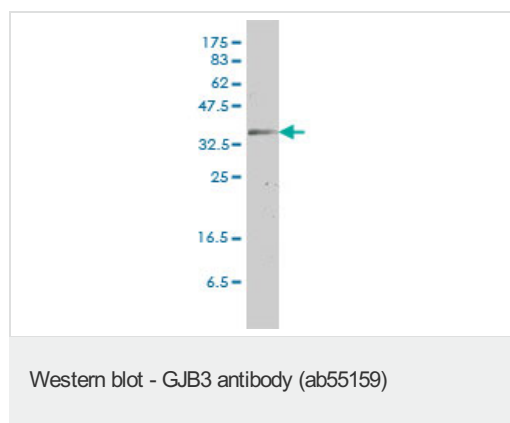
配列類似性

Belongs to the connexin family. Beta-type (group I) subfamily.

細胞内局在

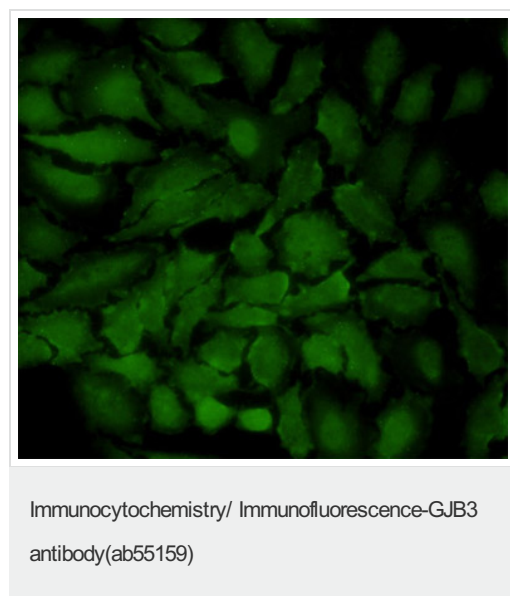
Cell membrane. Cell junction > gap junction.

画像



Predicted band size : 31 kDa

GJB3 antibody (ab55159) at 1ug/lane + HeLa cell lysate at 25ug/lane.



ab55159 at 10 ug/ml staining GJB3 in human cells by Immunocytochemistry/ Immunofluorescence.

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